



VIA HAND DELIVERY SEPTEMBER 13, 2004

B/A

[Handwritten signature]

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Ruben et al. (As Amended)

Docket No.: PZ007G62YP1D1

Application No.: 10/004,860 ✓

Confirmation No.: 8803

Filed: December 7, 2001

Art Unit: 1653

For: Secreted Protein HEMAE80 (as amended)

Examiner: R.A. Wax

SECOND REQUEST FOR AMENDMENT
UNDER 37 C.F.R. §§ 1.312 AND 1.48(b)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Prior to issuance of the above-captioned application as a United States Patent, Applicants respectfully request consideration and entry of the present amendment (submitted after allowance pursuant to 37 C.F.R. §1.312) to correct inventorship pursuant to 37 C.F.R. § 1.48(b) (Non-provisional application – fewer inventors due to amendment or cancellation of claims). Applicants submit concurrently herewith: (a) Supplemental Application Data Sheet (to reflect the requested amendment of inventorship (see below)); (b) copy of Corrected Filing Receipt showing requested changes in red; and, (c) Fee Transmittal (in duplicate, with fee required under 37 C.F.R. § 1.48(b)(2)).

The allowed claims in the present application are drawn to HEMAE80 protein embodiments (i.e., SEQ ID NO:310 and HEMAE80 protein encoded by ATCC® Deposit Nos. 97975). In this regard, the undersigned has been informed that the inventive entity of the subject matter encompassed by the claims is: Craig A. Rosen, Steven M. Ruben, and Paul A. Moore. Accordingly, Applicants request that the presently pending application be amended to show the above three persons as inventors. Thus, please remove the following names from the list of inventors:

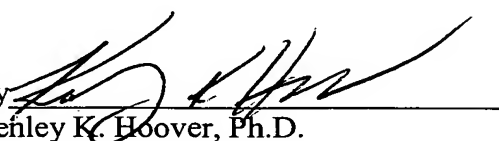
Paul Young;
John M. Greene;
Ann M. Ferrie;
Jing-Shan Hu;
Henrik S. Olson;

Reinhard Ebner;
Laurie A. Brewer;
Yanggu Shi;
Charles Florence;
Kimberly Florence;
David W. Lafleur;
Jian Ni;
Ping Fan;
Ying-Fei Wei;
Carrie L. Fischer;
Daniel R. Soppet;
Yi Li;
Zhizhen Zeng;
Hla Kyaw;
Ping Feng;
Patrick J. Dillon;
Gregory A. Endress;
Guo-Liang Yu; and
Kenneth G. Carter.

Applicants respectfully request that the amendments made above be entered and made of record in the file history of the instant application prior to issuance as a United States Patent. Although no fee, in addition to that provided for above, is believed due for submission of this paper, should the Patent Office determine otherwise, please charge such fee to Applicant's Deposit Account No. 08-3425. The Patent Office is also authorized to credit any overpayment to Deposit Account No. 08-3425.

Dated: September 13, 2004

Respectfully submitted,

By 
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KKH/PF/mr



Supplemental Application Data Sheet

Application Information

Application Type::	Regular
Subject Matter::	Utility
Sequence submission?::	Paper
Computer Readable Form (CRF)?::	No
Title::	Human Secreted Proteins <u>Secreted Protein</u> <u>HEMAE80</u>
Attorney Docket Number::	PZ007G62YP1D1
Small Entity?::	No
Petition included?::	No

Applicant Information

Applicant Authority Type::	Inventor
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State or Province of mailing address::	MD
Country of mailing address::	US
Postal or Zip Code of mailing address::	20878

Correspondence Information

Correspondence Customer Number:: 22195

Representative Information

Representative Customer Number:: 22195

Domestic Priority Information

Application::	Continuity Type::	Parent Application::	Parent Filing Date::
This Application	Division of	09/205,258	12/04/98
09/205,258	Continuation-in-part of	PCT/US98/11422	06/04/98
PCT/US98/11422	Non- Provisional of	60/048,885	06/06/97
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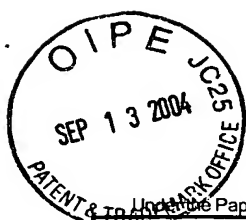
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PCT/US98/11422	Non- Provisional of	60/057,778	09/05/97

PCT/US98/11422	Non- Provisional of	60/057,629	09/05/97
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PCT/US98/11422	Non- Provisional of	60/057,634	09/05/97
PCT/US98/11422	Non- Provisional of	60/070,923	12/18/97
PCT/US98/11422	Non- Provisional of	60/092,921	07/15/98
PCT/US98/11422	Non- Provisional of	60/094,657	07/30/98

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 130.00

Complete if Known

Application Number	10/004,860-Conf. #8803
Filing Date	December 7, 2001
First Named Inventor	Steven M. Ruben
Examiner Name	R. A. Wax
Art Unit	1653
Attorney Docket No.	PZ007G62YP1D1

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit
Account
Number

08-3425

Deposit
Account
Name

Human Genome Sciences, Inc.

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) or any underpayment of fee(s)

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1) (\$) 0.00

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
	-20** =		
Independent Claims	-3** =		
Multiple Dependent			

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) 0.00

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	130.00
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37CFR 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	
Other fee (specify) 1504					

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 130.00

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40,302

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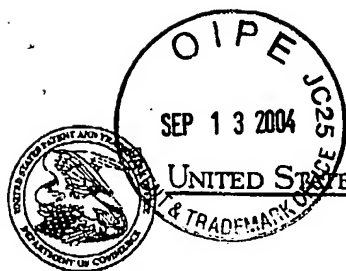
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Date

September 13, 2004

09/14/2004 AADDF01 00000002 083425 10004860

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10/004,860	12/07/2001	1653	2204	PZ007G62YP1D1		52	10

22195
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CONFIRMATION NO. 8803
 CORRECTED FILING RECEIPT
 OC000000013604.164
 OC000000013604.164

Date Mailed: 08/23/2004

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

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Assignment For Published Patent Application

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Domestic Priority data as claimed by applicant

This application is a DIV of 09/205,258 12/04/1998 PAT 6,525,174
 which is a CIP of PCT/US98/11422 06/04/1998
 which claims benefit of 60/048,885 06/06/1997
 and claims benefit of 60/049,375 06/06/1997
 and claims benefit of 60/048,881 06/06/1997
 and claims benefit of 60/048,880 06/06/1997
 and claims benefit of 60/048,896 06/06/1997
 and claims benefit of 60/049,020 06/06/1997
 and claims benefit of 60/048,876 06/06/1997
 and claims benefit of 60/048,895 06/06/1997
 and claims benefit of 60/048,884 06/06/1997
 and claims benefit of 60/048,894 06/06/1997
 and claims benefit of 60/048,971 06/06/1997
 and claims benefit of 60/048,964 06/06/1997
 and claims benefit of 60/048,882 06/06/1997

and claims benefit of 60/048,899 06/06/1997
and claims benefit of 60/048,893 06/06/1997
and claims benefit of 60/048,900 06/06/1997
and claims benefit of 60/048,901 06/06/1997
and claims benefit of 60/048,892 06/06/1997
and claims benefit of 60/048,915 06/06/1997
and claims benefit of 60/049,019 06/06/1997
and claims benefit of 60/048,970 06/06/1997
and claims benefit of 60/048,972 06/06/1997
and claims benefit of 60/048,916 06/06/1997
and claims benefit of 60/049,373 06/06/1997
and claims benefit of 60/048,875 06/06/1997
and claims benefit of 60/049,374 06/06/1997
and claims benefit of 60/048,917 06/06/1997
and claims benefit of 60/048,949 06/06/1997
and claims benefit of 60/048,974 06/06/1997
and claims benefit of 60/048,883 06/06/1997
and claims benefit of 60/048,897 06/06/1997
and claims benefit of 60/048,898 06/06/1997
and claims benefit of 60/048,962 06/06/1997
and claims benefit of 60/048,963 06/06/1997
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and claims benefit of 60/057,642 09/05/1997
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and claims benefit of 60/057,667 09/05/1997
and claims benefit of 60/057,666 09/05/1997
and claims benefit of 60/057,764 09/05/1997
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and claims benefit of 60/057,763 09/05/1997
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and claims benefit of 60/057,771 09/05/1997
and claims benefit of 60/057,761 09/05/1997
and claims benefit of 60/057,760 09/05/1997
and claims benefit of 60/057,776 09/05/1997
and claims benefit of 60/057,778 09/05/1997
and claims benefit of 60/057,629 09/05/1997
and claims benefit of 60/057,628 09/05/1997
and claims benefit of 60/057,777 09/05/1997
and claims benefit of 60/057,634 09/05/1997

and claims benefit of 60/070,923 12/18/1997
and claims benefit of 60/092,921 07/15/1998
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Foreign Applications

If Required, Foreign Filing License Granted: 05/15/2002

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Early Publication Request: No

Title

SECRETED PROTEIN HEMAE80

Preliminary Class

435

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